





MIRCEA SERBAN

 mirceaserban1981@gmail.com

 +44 7466363145

 Stanford-Le-Hope, UK
SS170FL

 linkedin.com/in/mircea-serban-s81

 github.com/S-Mircea

TECHNICAL SKILLS

Programming Languages

Python, Java, Kotlin, JavaScript, SQL, HTML5, CSS3

Frameworks & Libraries

Flask, React, Next.js, Tailwind CSS, scikit-learn, pandas, numpy

Development Tools

Git, GitHub, Azure DevOps, VS Code, IntelliJ IDEA

Databases & Cloud

SQL, MySQL, PostgreSQL, AWS, Vercel, RESTful APIs

CERTIFICATIONS

- IBM Python for Data Science (PY0101EN)
- Scientific Computing with Python
- Microsoft Office Specialist
- CEFR English C1 Level

PROFESSIONAL SUMMARY

Computer Science graduate with expertise in full-stack development, machine learning, and software engineering best practices. Proficient in Python, Java, Kotlin, and modern web technologies with hands-on experience in agile development and version control. Combines strong analytical problem-solving skills with practical industry experience in quality assurance and data management. Seeking to leverage technical expertise to drive innovation in software development teams.

EDUCATION

• Bachelor of Science, Computer Science

University of Greenwich, London

September 2021 - July 2025

- ▶ Expected Classification: First Class Honours (Undergraduate major project submitted)
- ▶ Key Coursework: Data Structures & Algorithms, Software Engineering, Machine Learning, Database Systems

KEY PROJECTS

• CVD Risk Prediction System

Python • Flask • Machine Learning • scikit-learn

- ▶ Developed ML-powered cardiovascular disease risk assessment application with Random Forest classifier
- ▶ Integrated London-specific environmental data with responsive web interface and real-time visualization

• EuroConnect Telecommunications Network

Kotlin • Graph Theory • Algorithms

- ▶ Implemented Kruskal's minimum spanning tree algorithm for optimal telecommunications cable layout
- ▶ Designed efficient Union-Find data structure with path compression optimization

• Project Management System

Java • Kotlin • Swing GUI

- ▶ Built cross-language application demonstrating Java-Kotlin interoperability with comprehensive task management
- ▶ Implemented form validation, dependency tracking, and progress monitoring features

PROFESSIONAL EXPERIENCE

• Data Entry Clerk

Iron Mountain, Basildon, Essex

June 2024 - Present

- ▶ Process and digitize business documents using specialized data management systems with high accuracy
- ▶ Perform data validation and quality assurance ensuring compliance with information governance standards

• Quality Inspector

Hyundai, Tilbury, Essex

February 2024 - December 2024

- ▶ Execute comprehensive pre-delivery quality inspections ensuring compliance with automotive standards
- ▶ Collaborate with engineering teams to identify and resolve technical issues

• Delivery Driver & Customer Service Representative

Various Industries, Basildon, Essex

November 2021 - March 2024

- ▶ Developed exceptional time management skills while maintaining full-time studies
- ▶ Demonstrated strong work ethic balancing demanding work schedule with academic excellence

• Cargo Operations Specialist

C.Ro Ports London, Purfleet, Thurrock

September 2016 - October 2021

- ▶ Coordinated complex cargo operations ensuring adherence to safety regulations
- ▶ Achieved production targets through strategic planning and efficient resource allocation

CORE COMPETENCIES

Software Development

Full-stack web development, RESTful API design, database integration

Machine Learning

Predictive modeling, data preprocessing, algorithm optimization

Quality Assurance

Testing methodologies, code review, documentation standards

Team Collaboration

Agile development, cross-functional teamwork, technical communication